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SUBSCRIBER LINE TERMINATOR

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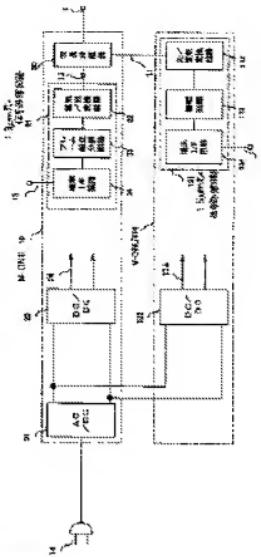
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Abstract of **JP10322460**

PROBLEM TO BE SOLVED: To make a subscriber line terminator small-sized and to reduce the cost with respect to the subscriber line terminator that conducts transmission/reception between a subscriber and a station by using multiplexed signals on a transmission line. **SOLUTION:** A subscriber line terminator (N-ONU) 10 makes communication processing of an optical signal whose wavelength is 1.3 &mu m from a station and an AC/DC conversion circuit 21 and a DC/DC conversion circuit 22 supply power to a signal processing circuit 31. The other subscriber line terminator (V-ONU) 110 makes communication processing of an optical signal whose wavelength is 1.5 &mu m from a station and the AC/DC conversion circuit 21 supplies power to a DC/DC conversion circuit 122 which supplies power to a signal processing circuit 131. Then the AC/DC conversion circuit

21 supplies power so as to make the power supply means in common for the operation of the N-ONU 10 and the V-ONU 11, thereby making the size of the terminator small.



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